

Date: Sun, 6 Mar 94 20:12:13 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #255
To: Info-Hams

Info-Hams Digest Sun, 6 Mar 94 Volume 94 : Issue 255

Today's Topics:

5 by 5...

Daily Summary of Solar Geophysical Activity for 05 March

FCC Exec fired for incompetence?

Further criminalization of scanning (2 msgs)

Icom Package For Sale

Information needed on Tandy 4000 computer

IPS Daily Report 03 03 94

JARGON

NUDE RADIO AMATEURS

PostScript log pages wanted

RST reports

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 6 Mar 94 06:16:31 GMT
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
tcj@network.ucsd.edu
Subject: 5 by 5...
To: info-hams@ucsd.edu

Joe Gregg (gregg@plains.nodak.edu) writes:

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> Where did the phrase, "I read you five by five." come from
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Alan Bloom (alanb@sr.hp.com) replies:

> I believe it comes from the old days before the RST system was
> invented.

Does anyone know when the RST system came into use or how its predecessor worked?

As an avid SWL as a kid, I remember including a SINPO report in my QSL requests to shortwave broadcasters. In retrospect, it seems to me that the five point rating scale used in a SINPO report (signal, interference, noise, propagation, and overall rating) would actually be more valuable on phone than an RS(T) report, especially in these times of modern technology, when the "S" rating is all too often the essentially meaningless reading from the respondent's S-meter.

Todd, KB6JXT

Date: Sat, 5 Mar 1994 23:24:57 MST
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!
cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 05 March
To: info-hams@ucsd.edu

////////////////////////////////////

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACT

05 MARCH, 1994

////////////////////////////////////

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACT

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 064, 03/05/94
10.7 FLUX=095.7 90-AVG=106 SSN=086 BKI=1111 1112 BAI=003
BGND-XRAY=B1.1 FLU1=1.7E+06 FLU10=2.0E+04 PKI=1112 1123 PAI=005
BOU-DEV=009,006,005,006,009,009,009,015 DEV-AVG=008 NT SWF=00:000
XRAY-MAX= B5.7 @ 0750UT XRAY-MIN= A9.6 @ 1807UT XRAY-AVG= B1.7
NEUTN-MAX= +002% @ 2355UT NEUTN-MIN= -002% @ 1620UT NEUTN-AVG= -0.2%
PCA-MAX= +0.1DB @ 1815UT PCA-MIN= -0.4DB @ 1010UT PCA-AVG= -0.0DB
BOUTF-MAX=55340NT @ 0133UT BOUTF-MIN=55310NT @ 1935UT BOUTF-AVG=55333NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+085,+000,+000

GOES6-MAX=P:+142NT@ 1850UT GOES6-MIN=N:-058NT@ 0707UT G6-AVG=+101,+033,-027
FLUXFCST=STD:095,095,095;SESC:095,095,095 BAI/PAI-FCST=020,020,020/025,030,025
KFCST=3346 6433 3346 6433 27DAY-AP=057,054 27DAY-KP=4436 6755 4647 6543
WARNINGS=*GSTRM;*AURMIDWCH
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 04 MAR 94 was 48.0.
The Full Kp Indices for 04 MAR 94 are: 1+ 1- 1o 2o 1+ 1o 1o 1o
The 3-Hr Ap Indices for 04 MAR 94 are: 5 3 4 7 5 4 4 4
Greater than 2 MeV Electron Fluence for 05 MAR is: 2.3E+07

SYNOPSIS OF ACT

Solar activity was very low. Region 7682 (S19W68) remains the most significant sunspot group on the disk but has only produced a few subflares (all below C-class) since yesterday. New Region 7685 (S07E23) emerged on the disk.

Solar activity forecast: solar activity is expected to be very low to low. Small C-class flares are possible in 7682.

The geomagnetic field was mostly quiet. Unsettled conditions were observed at some high latitude stations from 05/09-15Z.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled becoming active to storm due to a coronal hole.

Event probabilities 06 mar-08 mar

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 06 mar-08 mar

A. Middle Latitudes	
Active	20/20/20
Minor Storm	15/15/25
Major-Severe Storm	15/15/05
B. High Latitudes	
Active	20/20/20
Minor Storm	15/15/25

Major-Severe Storm 15/15/05

HF propagation conditions were normal over all regions. Conditions are expected to deteriorate over the next several days due to effects from a coronal hole. High and polar latitude paths should see the strongest signal degradation with poor to occasionally very poor conditions existing during the local night hours. Middle latitudes should see good to fair propagation with occasional poor propagation during the local night sectors. Low latitudes should see generally good propagation with periods of fair propagation possible during the local night hours.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WIT

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7678	S11W39	043	0010	BX0	03	005	BET	
7680	S10W15	019	0010	BX0	06	005	BET	
7682	S19W68	072	0150	CA0	11	016	BET	
7684	S09W05	009	0000	AXX	01	003	ALPHA	
7685	S07E23	341	0010	BX0	05	007	BET	

REGIONS DUE TO RET

NMBR LAT

7673 N08 267

LISTING OF SOLAR ENERGETIC EVENTS FOR 05 MARCH, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 05 MARCH, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 05/2400Z

ISOLATED HOLES AND POLAR EXT									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
67	S34E36	S63E08	S35W39	S21E13	018	EXT			

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
04 Mar:	0135	0148	0201	C1.5						
	0203	0208	0213	C1.8	SF	7682	S18W41			
	0235	0240	0244	C1.3	SF	7682	S18W42			
	0258	0302	0306	C1.6	1F	7682	S18W42			
	0313	0321	0324	C3.6						
	0343	0346	0348	B9.7						
	0358	0406	0419	B9.3						
	0424	0432	0436	C1.1	SF	7682	S18W45			
	0504	0504	0507		SF	7680	S12E11			
	0516	0519	0521	B8.0						
	0540	0543	0545	B6.4						
	0605	0612	0618	C1.1	SF	7682	S18W47			
	0642	0650	0655	C5.8	1F	7682	S18W46			
	0738	0742	0745	B8.0						
	0749	0800	0803	C1.3						
	0829	0834	0839	B9.8						
	0904	0907	0909	B7.7						
	0914	0924	0948	C3.6						
	1048	1054	1106	C2.3	SF	7682	S19W47			
	1220	1247	1255	C1.2	SF	7682	S18W50			
	1402	1424	1426	B9.1	SF	7682	S19W51			
	1502	1507	1509	B6.4						
	1616	1620	1622	B4.4						
	1624	1627	1629	C1.1	SF	7682	S19W52			
	1634	1637	1639	B6.1	SF	7682	S19W53			
	1717	1723	1732	B4.7						
	1748	1752	1754	B4.0						
	1816	1819	1821	B2.5						
	B1842	U1843	1846		SF	7682	S18W52			
	1853	1856	1858	B5.0						
	1859	1903	1905	C1.3	SF	7682	S19W56			
	2003	2003	2006		SF	7682	S19W55			
	2043	2046	2048	B9.5						
	2049	2052	2054	C1.7	SF	7682	S17W55			
	2111	2121	2125	B6.2	SF	7682	S18W54			
	2241	2243	2245		SF	7682	S18W57			
	2251	2255	2257	B5.9						
	2333	2343	2348	B4.8						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
	--	--	--	--	--	--	--	--	---	-----
Region 7680:	0	0	0	1	0	0	0	0	001	(2.6)
Region 7682:	11	0	0	15	2	0	0	0	017	(44.7)
Uncorrellated:	4	0	0	0	0	0	0	0	020	(52.6)

Total Events: 038 optical and x-ray.

EVENTS WIT

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Date   Begin   Max    End   Xray   Op Region   Locn   Sweeps/Optical Observations
-----
NO EVENTS OBSERVED.

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NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

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Date: Sun, 6 Mar 1994 23:27:25 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!newshub.nosc.mil!news!
Roger.Keating@network.ucsd.edu
Subject: FCC Exec fired for incompetence?
To: info-hams@ucsd.edu

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Hello.

My original source read this posting and contacted me; one of us misunderstood. The agency involved was not the FCC, but the FAA.

Read the actual story about the FAA in: clari.news.aviation
or your newspaper.

PS, some folks responded by email indicating that they had not heard it but didn't find it surprising given the degree to which the FCC is out of date with its computers. :)

Roger Keating
keating@nosc.mil

Date: 6 Mar 1994 22:19:23 GMT
From: yale.edu!noc.near.net!news.delphi.com!gilbaronw@mn@yale.arpa
Subject: Further criminalization of scanning
To: info-hams@ucsd.edu

>
>In article <1994Mar2.175938.12119@alw.nih.gov>, weisen@alw.nih.gov (Neil Weisenfeld) writes...
>>What I think we should do is write to our congresspeople and tell them why
>>we feel the cellular and cordless privacy laws are so misguided. Even if
>>they outlaw the manufacture of scanners that can receive cordless
>>(and I haven't heard anyone say that that is what is up for debate --
>>only outlawing *listening*, not manufacture), those radios are going to be

>>around for a long, long time as used equipment.
>
>Been there, done that. My Congressman ignored my letter. The law didn't
pass on
>his watch, so, in the finest tradition of politicians, I guess he feels no
>obligation to deal with it.
>
>Amen to the long, long time. I just tuned up my old BC220 table-top
scanner.
>15 years old, 20 channels, and no 800MHz, but still not a bad radio if your
>city hasn't gone to trunked public service.
>
>>I'd be interested if other people agree.
>
>Yup. These laws, if I'm not misinformed, are unique in recent history in
that
>up until their enactment, it was legal to listen to any waves passing

through
>your home, as long as you didn't act on or disclose what you heard. You are
>now a criminal if you choose to *tune in* to these particular band
segments,
>regardless of what you do with what you hear. More such laws will follow,
>since government and regulations never shrink in size.
>-Tom R. N100Q randolph@est.enet.dec.com
>

Sad, very sad. And it does not really protect anyone. In fact it gives too
many people a false sense of security. Digital technology with encryption
will protect people and that is what we should have. Of course the
government is trying to get its dirty summy rotten hands intot hat too. Can
you say Clipper. They will pry my key out of my cokld dead hands and no
other way.
Get PGP and be safe.

Gil Baron, El Baron Rojo, WOMN Rochester,MN
"Bailar es Vivir"
PGP2.3 key at key servers or upon request

Date: Mon, 7 Mar 1994 00:32:07 GMT
From: netcomsv!netcom.com!tcj@decwrl.dec.com
Subject: Further criminalization of scanning
To: info-hams@ucsd.edu

Neil Weisenfeld (weisen@alw.nih.gov) writes:

> What I think we should do is write to our congresspeople and tell
> them why we feel the cellular and cordless privacy laws are so
> misguided.

Gilbert Baron (gilbaronw0mn@delphi.com) replies:

> And it does not really protect anyone. In fact it gives too many
> people a false sense of security.

In light of the current Clipper initiative, it occurs to me that this may, in
fact, be their very intention....

Todd, KB6JXT

Date: 5 Mar 94 20:57:12 GMT
From: nprdc!ihnp4.ucsd.edu!agate!howland.reston.ans.net!sol.ctr.columbia.edu!

news.unomaha.edu!news.nevada.edu!jimi!envoy!equinox.unr.edu!
dsring@network.ucsd.edu
Subject: Icom Package For Sale
To: info-hams@ucsd.edu

I have the following Icom equipment for sale which I wish to sell only as a package!!!! The radio has a clean bill of health from Icom service, dated 12/28/93. The radio and all of its accessories are in excellent condition and have been well cared for.

IC W2A (2m/440 Handheld Transceiver)
HM 65 (Speaker Mic. W/earphone jack)
BC 72 (Rapid Charger)
 2-BP 84 (Battery Pack, Provides 2 watts)
 2-BP 85 (Battery Pack, Provides 5 watts)
 AD 20 (Charging Adapter, Used with BP 84)
LC 73 (Radio Case)
BC 77 (Standard Charger {Comes With Radio})

\$\$\$\$\$\$\$\$\$\$\$ This would normally run around \$1000.00 NEW \$\$\$\$\$\$\$\$

I am asking \$600.00 for everything or best offer.

Please contact me at:

--

Douglas S. Ring Amateur Radio Operator
University Of Nevada, Reno KB7QMD-Advanced Class
Electrical Engineering Major HZ1AB-Operating Member
email: dsring@equinox.unr.edu V.Chair-UNR Radio Club
Telephone: (702) 626-5516
Fax: (702) 626-3840
 Assalamu Aleikum
 (May peace be upon you)

Date: 6 Mar 1994 22:03:31 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!mailer.acns.fsu.edu!
freenet3.scri.fsu.edu!freenet2.scri.fsu.edu!twright@network.ucsd.edu
Subject: Information needed on Tandy 4000 computer

To: info-hams@ucsd.edu

Well first off it has a 3 1/2 and a 5 1/4 floppies and the min of a 40 meg HD with a EGA monitor. I paid \$25.00 for it. Heck the case is worth \$50.00 just to build one.

I powered it up and it booted perfectly. The monitor has full rapture on it before the CPU was powered. After the CPU booted using DOS 5.0 the monitor was showing three boot up listings along with 3 C> prompts. These 3 columns (sp) are over lapping and 2 of the 3 prompts were fuzzy and only one was clear but it all still over lapped.

I installed Super Morse off of a 3 1/2 and then again off of a 5 1/4. both floppies work perfectly as well as the Hard Drive. The SM program did like the boot up all overlapping. I then installed a game called Space Quest II and the monitor cleared right up and the system ran perfectly. I reinstalled SM and the Monitor went back into the over lapping letters. I connected the monitor to another CPU and it worked perfectly again. So this rules out the monitor.

I am suspecting that the problem lies in the video driver cmds in the DOS 5.0 system program. What brings me to think this is that a game has its own program to run the game which carries its own video driver commands.

If some of you computer experts out there either agree or disagree PLEASE let me know. I want to get this machine up and running on Packet A.S.A.P.

Thanks a bunch

Tim Wright KD40VM

.
--

Tim Wright KD40VM		T.Wright@msuacad.morehead.edu		Morehead State University
		TWright@freenet.fsu.edu		Tallahassie Freenet Service
		AR098@yfn.ysu.edu		Youngstown Ohio Freenet Service
		KD40VM@WSU.N8FOW.AMPR.ORG		Try one, I'll get it.

Date: 3 Mar 94 23:11:11 GMT
From: nprdc!ihnp4.ucsd.edu!munnari.oz.au!newshost.anu.edu.au!sserve!usage!metro!
ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report 03 03 94
To: info-hams@ucsd.edu

IPS RADIO AND SPACE SERVICES AUSTRALIA
Daily Solar And Geophysical Report

Issued at 2330 UT 3 March 1994
Summary for 3 March and Forecast up to 6 March
IPS Warning 7 was issued on 02 March and is still current.

1A. SOLAR SUMMARY

Activity: low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 101/49

1B. SOLAR FORECAST

	04 March	05 March	06 March
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 105/54

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth : mainly quiet to unsettled levels,
apart from one minor storm period.

Estimated Indices : A	K	Observed A Index 2 March
Learmonth	13 3325 2122	
Fredericksburg	17	17
Planetary	28	12

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
04 Mar	35	Active to minor storm.
05 Mar	35	Active to minor storm.
06 Mar	20	Active.

2C. MAGNETIC COMMENT

Coronal hole induced disturbance expected.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
03 Mar	normal	normal	fair-normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
04 Mar	fair	poor	poor
05 Mar	fair	poor	poor
06 Mar	normal	fair	poor

3C. GLOBAL HF PROPAGATION COMMENT

Degraded HF comms are expected over the next few days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were about 10% above predicted monthly values

T index: 64

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
04 Mar	30	Near predicted monthly values.
05 Mar	15	About 15% below predicted monthly values.
06 Mar	15	About 15% below predicted monthly values.

Predicted Monthly T Index for March is 40.

4C. AUSTRALIAN REGION COMMENT

Communications are expected to become degraded over the next few days.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au	PO Box 5606
tel: +61 2 4148329	West Chatswood NSW 2057
fax: +61 2 4148331	AUSTRALIA

Date: Mon, 7 Mar 1994 00:41:09 GMT

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!csus.edu!netcom.com!
slay@network.ucsd.edu

Subject: JARGON

To: info-hams@ucsd.edu

Sue Gundersen (ez014553@othello.ucdavis.edu) wrote:

: I need a little help with an English paper I am writing. The topic I am
: writing about is jargon used by amateur radio operators. I am already
: using ham, lids and an abbreviation. What I need is one more word that
: has an interesting etymology.

: Does any have any good suggestions? I am stuck and would like another term.
: Please send me Email

A Japanese friend and fellow DXer recently wrote the following to me:

> 1. What does "SASE" stand for? Is that "Self Addressed & Stamped Envelop"?
> I sometimes see "SAE" as well, but I'm not sure the difference. And how
> do you pronounce "SASE"? Is that "eS-eI-eS-eE" or "Sa-Se" (like
> Roma-JI)?
> 2. Why do they call \$1 note "green stamp"? I think it's because of its
> color. But I find one side of the \$1 not is not really green,
> though the other side is. {Try it - one side black, the other green}
> 3. Are "SASE" and "Green Stamp" words only for ham world?
> 73 de TOMO - JH2PDS/1 jh2pds@media.cst.nihon-u.ad.jp

Well - I am not sure if others do use SASE although I often here the
expression self-addressed stamped envelope - primarily on TV or something.
Green Stamps of course go back to the old Blue Chip and S&H Green Stamps
given out at grocery stores and other markets which could later be traded
in for various items in an S&H Green Stamp *department store* or whatever
they were. I presume those outfits are all out of business by now.
HmMMM - maybe Hams are the only ones using these espressions.

73 de Sandy WA6BXH/7J1ABV slay@netcom.com

Date: 6 Mar 94 05:52:44 GMT
From: netcomsv!netcomsv!lavc!steven.rosenberg@decwrl.dec.com
Subject: NUDE RADIO AMATEURS
To: info-hams@ucsd.edu

northup@hoop.sw.stratus.com (Bill Northup) writes:

>Is it time to get into ATV ?

But wouldn't SSTV be more forgiving?

Date: 6 Mar 94 00:29:43 GMT
From: hub.cs.jmu.edu!hearst.acc.Virginia.EDU!ruacad!ddabay@uunet.uu.net
Subject: PostScript log pages wanted
To: info-hams@ucsd.edu

I am looking for log pages in a postscript format, as well as a

US band chart in PostScript format.....

dave

--

Dave Dabay Telecommunications Engineer Supervisor KD3PC
Radford University Computer Services Internet: ddabay@ruacad.ac.runet.edu

Date: Mon, 7 Mar 1994 01:05:36 GMT
From: netcomsv!netcom.com!tcj@decwrl.dec.com
Subject: RST reports
To: info-hams@ucsd.edu

I wrote:

> It seems to me that the five point rating scale used in a SINPO
> report (signal, interference, noise, propagation, and overall
> rating) would actually be more valuable on phone than an RS(T)
> report

Derek Wills (oo7@astro.as.utexas.edu) replies:

> I can't see this catching on - giving 5 numbers for a signal report,
> ack!

Agreed, especially if the report is merely an administrative formality required for your contest log or DXCC application. Every once in a while I wonder how my signal is **really** getting out, however, and I simply intended to comment that I'd find a SINPO report much more informative than an RS(T) report under these circumstances.

> 599 means "you're loud", "this is a contest", or "I need your QSL
> card", 579 means "you're pretty strong but I'm not giving you a
> routine 599", and 559 means "you're weak". Anything else is just
> pretentious.

You may be onto something, Derek. Maybe the county hunters are on the right track, and what we **really** need for most purposes is a 1 by 3 scale. ;-)

BTW, under 599 you left out, "We're up to our knees in penguin guano, freezing our butts off on a frigid little rock in the Antarctic circle, and have neither the time nor inclination to even **think** about the quality of your signal. In fact, our computerized logging system doesn't even have a place to enter a report, since the software we'll use to generate your QSL will insert a 599 report automatically."

Todd, KB6JXT

End of Info-Hams Digest V94 #255
